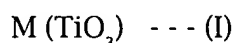


wherein M is at least one of Ca, Sr, Ba, Pb, or Mg,

$$D_1 = 6 / \rho S \text{ --- (II)}$$

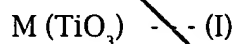
wherein  $\rho$  is the density of the particles, and S is the specific surface area of the particles.

6. (Twice Amended) A perovskite titanium-containing composite oxide particle represented by general formula (I), wherein the specific surface area is 28 to about 200 m<sup>2</sup>/g, obtained by removing a dispersion medium from a sol in which the perovskite titanium-containing composite oxide particle is dispersed, wherein said sol is obtained by a process comprising the step of allowing a titanium oxide particle comprising brookite crystalline form to react with a metal salt comprising at least one of Ca, Sr, Ba, Pb, or Mg in a liquid phase:



wherein M is at least one of Ca, Sr, Ba, Pb, or Mg.

17. (Amended) A perovskite titanium-containing composite oxide particle represented by general formula (I), wherein the specific surface area is 28 to about 200 m<sup>2</sup>/g, obtained by removing a dispersion medium from a sol in which the perovskite titanium-containing composite oxide particle is dispersed, wherein said sol is obtained by a process comprising the step of allowing a titanium oxide sol prepared by subjecting a titanium salt to hydrolysis in an acid solution to react with a metal salt comprising at least one of Ca, Sr, Ba, Pb, or Mg in a liquid phase:



wherein M is at least one of Ca, Sr, Ba, Pb, or Mg.

18. (Amended) The perovskite titanium-containing composite oxide particle as claimed in claim 6, wherein the specific surface area diameter  $D_1$  of primary particles defined by formula (II) is about 10 to about 100 nm, and a  $D_2/D_1$  ratio of the average particle size  $D_2$  of secondary particles to  $D_1$  is about 1 to about 10:

$$D_1 = 6 / \rho S \text{ --- (II)}$$

wherein  $\rho$  is the density of the particles, and  $S$  is the specific surface area of the particles.

19. (Amended) The perovskite titanium-containing composite oxide particle as claimed in claim 17, wherein the specific surface area diameter  $D_1$  of primary particles defined by formula (II) is about 10 to about 100 nm, and a  $D_2/D_1$  ratio of the average particle size  $D_2$  of secondary particles to  $D_1$  is about 1 to about 10:

$$D_1 = 6 / \rho S \text{ --- (II)}$$

wherein  $\rho$  is the density of the particles, and  $S$  is the specific surface area of the particles.